

Docket No.: 60617.301501

Patent

Amendments to the Specification

Please replace paragraph [0013] with the following rewritten paragraph:

-- [0013] FIG. 4a-b 4a-c are graphs showing how a reflected laser spectrum changes in both intensity and frequency from a disturbed fiber Bragg grating; and --

Please replace paragraph [0020] with the following rewritten paragraph:

-- [0020] Turning now also to FIG. 2 and 3, the sensor modules 14 each consist of a fiber Bragg grating 32 (~~FIG FBG~~), a temperature sensor 34, an intensity monitor 36, and an, optional, erbium doped fiber amplifier 38 (EDFA). --